Basic Module Assessment

1. What are the major receptors HIV uses to bind and enter a cell?
   A. GP120 and CXCR4
   B. GP120 and CCR5
   C. CCR5 and CXCR4
   D. HLA-B47 and HLA-B23

2. Stem cell transplants are a viable and reproducible strategy for HIV cure.
   A. True
   B. False

3. This category of drugs are primarily being investigated as a latency reversing agent?
   A. Bryostatins
   B. Gag Proteins
   C. Histone Deacetylase (HDAC) Inhibitors
   D. Ligand Inhibitors

4. What is an elite controller?
   A. An individual who has lived with HIV without medication for over 10 years.
   B. An individual who has lived with HIV without medication for up to 10 years.
   C. An individual who maintains low viral reservoirs while on treatment
   D. An individual who has no detectable viremia in the presence of treatment.

5. Broadly neutralizing antibodies could potentially be used in prevention and cure approaches
   A. True
   B. False

6. Therapeutic vaccines are being developed for HIV-negative individuals
   A. True
   B. False

7. Gene therapists are targeting the gene that codes for THIS receptor
   A. HLA –B47
   B. CXCR4
   C. CCR5
   D. HLA- B23
8. In order to achieve a cure for HIV it will need a combination approach.
   A. True
   B. False

9. What is a functional cure?
   A. An individual who lives without detectable virus off treatment
   B. An individual who has had virus eradicated
   C. An individual who goes on treatment within the first few days of infection
   D. An individual who has no detectable virus while on treatment.

10. What are reservoir cells?
     A. skin cells
     B. T cells
     C. B cells
     D. NK cells
# Answer Key

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